

<b>Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	Atty. Docket No. 072396.0217 (A33577)	Serial No. 09/785,059
	Applicant Montelaro et al.	
	Filing Date February 16, 2001	Group To Be Assigned

**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appro.
SWL	1	5 9 4 5 5 0 7	08/31/99	Montelaro et al.		
SWL	7	5 7 1 4 5 7 7	02/03/98	Montelaro et al.		

**FOREIGN PATENT DOCUMENTS**

Document No.	Date	Country	Class	Subclass	Translation Yes No

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)**

SWL	3	File, TM. "Overview of Resistance in the 1990s", <i>Chest</i> , 115:3S-8S. March 1999 Supplement
SWL	4	Friedrich et al., "Salt-Resistant Alpha-Helical Cationic Antimicrobial Peptides", <i>Antimicrobial Agents and Chemotherapy</i> , 43: 1542-1548, 1999
SWL	5	Hancock, R.E., "Host Defence (Cationic) Peptides: What Is Their Future Clinical Potential?", <i>Drugs</i> , 57: 469-473, Adis International Limited, 1999.
SWL	6	Scott, Yan, and Hancock, "Biological Properties of Structurally Related $\alpha$ -Helical Cationic Antimicrobial Peptides", <i>Infection &amp; Immunity</i> , 67: 2005-2009, Apr. 1999

Examiner

Date Considered

8-15-2002

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NY02:324574.1



Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.  
072396.0217 (A33577)

Serial No.  
09/785,059

Applicant  
Montelaro et al.

Filing Date  
February 16, 2001

Group  
To Be Assigned

SWL	7	Tencza et al., "Lentivirus-derived antimicrobial peptides: increased potency by sequence engineering and dimerization", <i>Journal of Antimicrobial Chemotherapy</i> , <u>44</u> : 33-41, 1999
SWL	8	Beary et al., "Interruption of T-cell signal transduction by lentivirus lytic peptides from HIV-1 transmembrane protein", <i>Journal of Peptide Research</i> , <u>51</u> : 75-79, 1998
SWL	9	Hwang and Vogel, "Structure-function relationships of antimicrobial peptides", <i>Biochem. Cell Biol.</i> , <u>76</u> : 235-246, 1998
SWL	10	Comardelle et al., "A Synthetic Peptide Corresponding to the Carboxy Terminus of Human Immunodeficiency Virus Type 1 Transmembrane Glycoprotein Induces Alterations in the Ionic Permeability of <i>Xenopus laevis</i> Oocytes", <i>AIDS Research &amp; Human Retroviruses</i> , <u>13</u> : No. 17, pp.1525-1532, 1997.
SWL	11	Ganz and Lehrer, "Antimicrobial peptides of leukocytes", <i>Current Opinion in Hematology</i> , <u>4</u> : 53-58, 1997
SWL	12	Tencza et al., "Novel Antimicrobial Peptides Derived from Human Immunodeficiency Virus Type 1 and Other Lentivirus Transmembrane Proteins", <i>Antimicrobial Agents &amp; Chemotherapy</i> , <u>41</u> : 2394-2398, 1997
SWL	13	Tencza et al., "Calmodulin-Binding Function of LLP Segments from the HIV Type 1 Transmembrane Protein Is Conserved among Natural Sequence Variants", <i>AIDS Research &amp; Human Retroviruses</i> , <u>13</u> : No. 3, 263-269, 1997
SWL	14	Arroyo et al., "Membrane Permeabilization by Different Regions of the Human Immunodeficiency Virus Type 1 Transmembrane Glycoprotein gp41", <i>J. Virol.</i> <u>69</u> : 4095-4102, 1995.
SWL	15	Tencza et al., "Effect of Amino Acid Substitutions on Calmodulin Binding and Cytolytic Properties of the LLP-1 Peptide Segment of Human Immunodeficiency Virus Type 1 Transmembrane Protein", <i>Journal of Virology</i> , <u>69</u> : 5199-5202, 1995

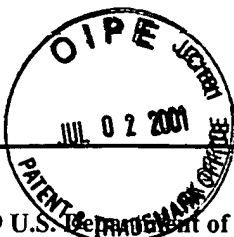
Examiner

Date Considered

8-15-2002

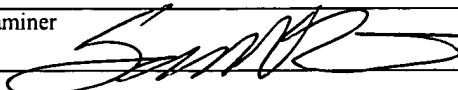
\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NY02:324574.1



<b>Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	Atty. Docket No. 072396.0217 (A33577)	Serial No. 09/785,059
	Applicant Montelaro et al.	
	Filing Date February 16, 2001	Group To Be Assigned

SWL	16	Yuan et al., "Characterization of the Calmodulin Binding Domain of SIV Transmembrane Glycoprotein by NMR and CD Spectroscopy", <i>Biochemistry</i> , <u>34</u> : 10690-10696, 1995.
SWL	17	Zanetti, Gennaro and Romeo, "Cathelicidins: a novel protein family with a common propepion and a variable C-terminal antimicrobial domain", <i>FEBS Letters</i> , <u>374</u> :1-5, 1995
SWL	18	Merrifield et al., "Design and synthesis of antimicrobial peptides", Antimicrobial Peptides, Ciba Foundation Symposium, , 5-6, 1994.
SWL	19	Moore et al., "Preliminary Experimental Anticancer Activity of Cecropins", <i>Peptide Research</i> , <u>7</u> :265-269, 1994.
SWL	20	Miller et al., "Identification of a Calmodulin-Binding and Inhibitory Peptide Domain in the HIV-1 Transmembrane Glycoprotein", 1993, <i>AIDS Reseach and Human Retroviruses</i> , <u>9</u> : 1057-1066.
SWL	21	Miller et al., "Alterations in Cell Membrane Permeability by the Lentivirus Lytic Peptide (LLP-1) of HIV-1 Transmembrane Protein", <i>Virology</i> , <u>196</u> : 89-1000, 1993
SWL	22	Blondelie et al., "Design of Model Amphipathic Peptides Having Potent Anitmicrobial Activities", <i>Biochemistry</i> , <u>31</u> :12688-12694, 1992
SWL	23	Srinivas et al., "Membrane Interactions of Synthetic Peptides Corresponding to Amphopathic Helical Segments of the Human Immunodeficiency Virus Type-1 Envelope Glycoprotein", <i>Journal of Biological Chemistry</i> , <u>267</u> :7121-7127, 1992
SWL	24	Wild et al., ""A synthetic peptide inhibitor of human immunodeficiency virus replication: Correlation between solution structure and viral inhibition", <i>Proc. Natl. Acad. Sci. USA</i> , <u>89</u> : 10537-10541, 1992.
SWL	25	Fontenot et al., "A Survey of Potential Problems and Quality Control in Peptide Synthesis by the Fluorenylmethoxycarbonyl Procedure", <i>Peptide Research</i> , <u>4</u> :19-25, 1991

Examiner 	Date Considered 8-15-2002
--	---------------------------

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

(Use several sheets if necessary)

Atty. Docket No.  
072396.0217 (A33577)

Serial No.  
09/785,059

Applicant  
Montelaro et al.

Filing Date  
February 16, 2001

Group  
To Be Assigned

26		Miller et al., "A Structural Correlation Between Lentivirus Transmembrane Proteins and Natural Cytolytic Peptides", <i>AIDS Research &amp; Human Retroviruses</i> , <u>7</u> :511-519, 1991.
27		Eisenberg and Wesson, "The Most Highly Amphiphilic $\alpha$ -Helices Include Two Amino Acid Segments in Human Immunodeficiency Virus Glycoprotein 41", <i>Biopolymers</i> , <u>29</u> : 171-177, 1990
28		Eisenberg et al., "The hydrophobic moment detects periodicity in protein hydrophobicity", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>81</u> :140-144, 1984
29		Chou et al., "Prediction of The Secondary Structure of Proteins From Their Amino Acid Sequence", <i>Adv Enz Relat Areas Mol Bio</i> , 47: 45-146, 1978.
30		Garnier et al., "Analysis of the Accuracy and Implications of Simple Methods for Predicting the Secondary Structure of Globular Proteins", <i>J. Mol. Biol.</i> , <u>120</u> : 97-120, 1978

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NY02:324574.1